

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092821\
 Data File : VU044949.D
 Acq On : 28 Sep 2021 18:17
 Operator : SY/MD
 Sample : M3962-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TRIP-BLANK

Quant Time: Sep 29 05:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

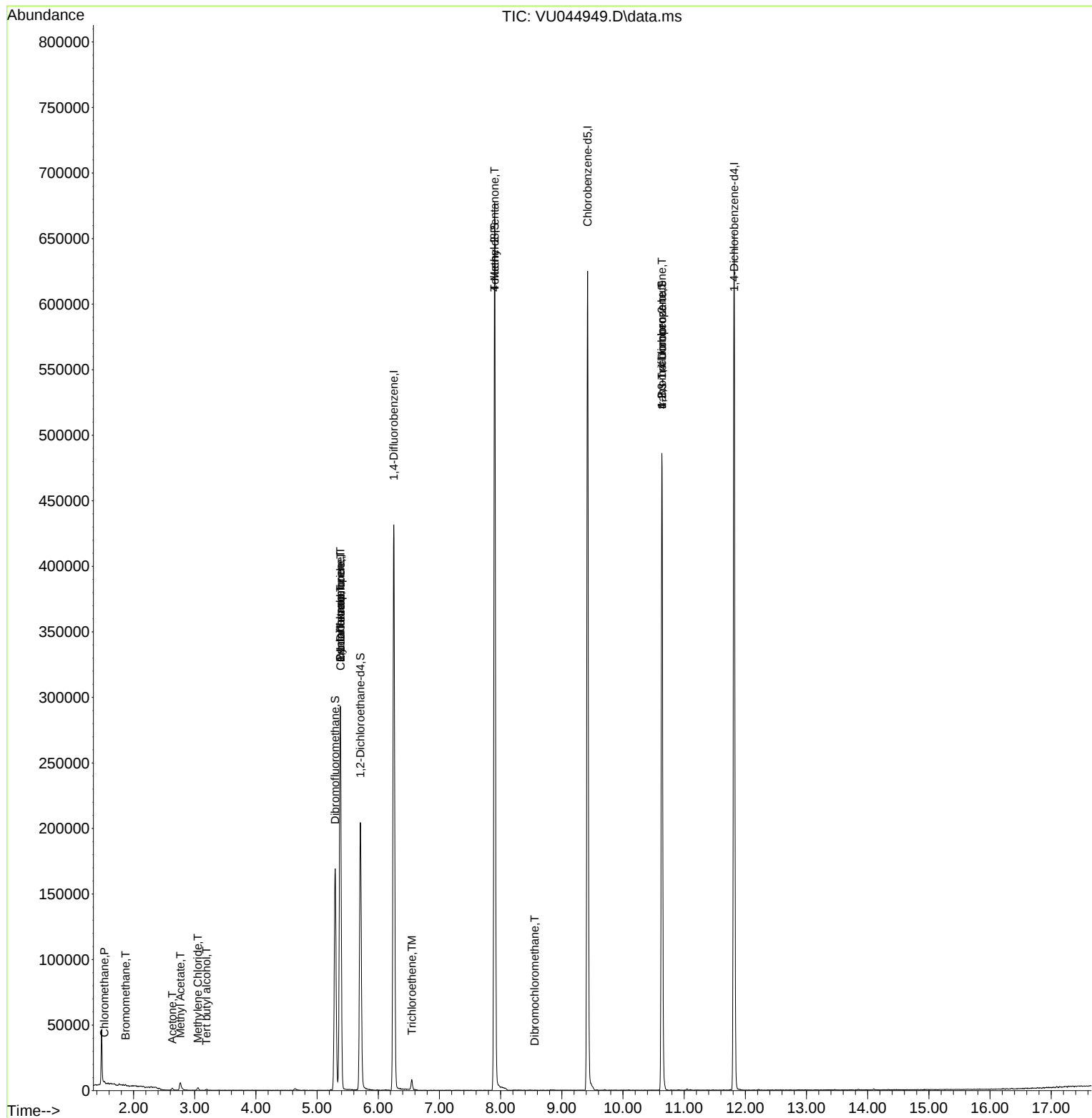
Internal Standards						
1) Pentafluorobenzene	5.379	168	192166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	338095	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	328392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	161989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	156987	49.076	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	98.160%	
35) Dibromofluoromethane	5.295	113	108527	50.884	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.760%	
50) Toluene-d8	7.903	98	434777	51.593	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	103.180%	
62) 4-Bromofluorobenzene	10.636	95	162548	46.720	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	93.440%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.524	50	801	0.260	ug/l	99
5) Bromomethane	1.868	94	292	0.242	ug/l	98
11) Tert butyl alcohol	3.192	59	473	0.515	ug/l #	72
16) Acetone	2.633	43	1937	1.020	ug/l	92
18) Methyl Acetate	2.765	43	2096	0.378	ug/l #	52
20) Methylene Chloride	3.051	84	1019	0.356	ug/l	90
31) Cyclohexane	5.379	56	4958	1.020	ug/l #	1
36) 1,1-Dichloropropene	5.379	75	17961	5.080	ug/l #	50
38) Carbon Tetrachloride	5.382	117	20331	6.645	ug/l #	15
44) Trichloroethene	6.549	130	2428	0.978	ug/l	95
51) 4-Methyl-2-Pentanone	7.903	43	2044	0.399	ug/l #	1
60) Dibromochloromethane	8.556	129	23	2.184	ug/l #	10
76) 1,2,3-Trichloropropane	10.636	75	89630	18.970	ug/l #	41
81) trans-1,4-Dichloro-2-b...	10.636	75	89630	52.644	ug/l #	9

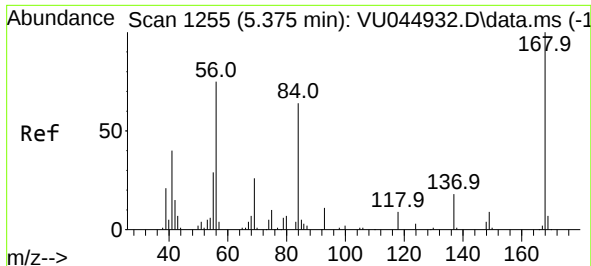
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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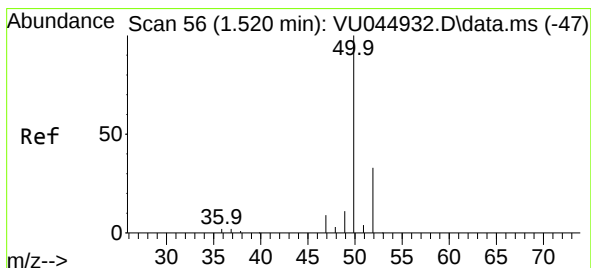
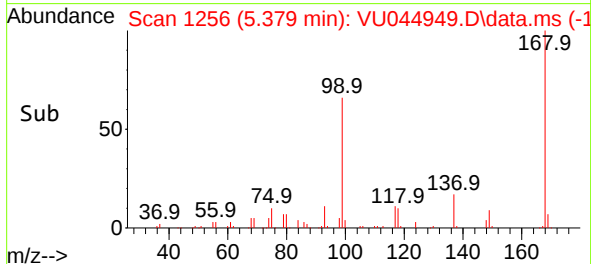
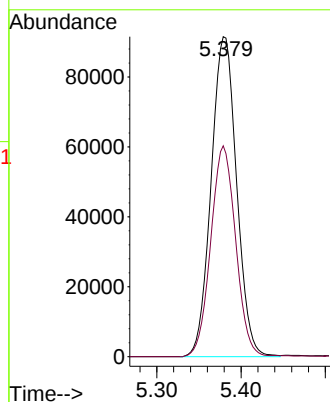
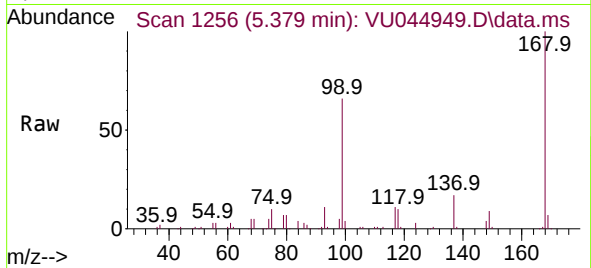




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

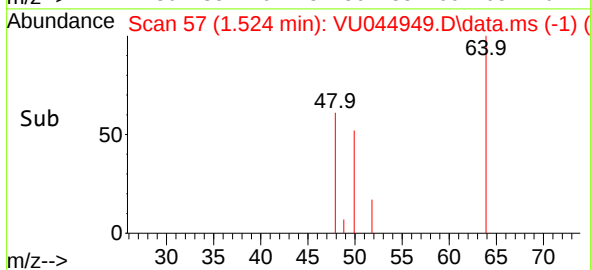
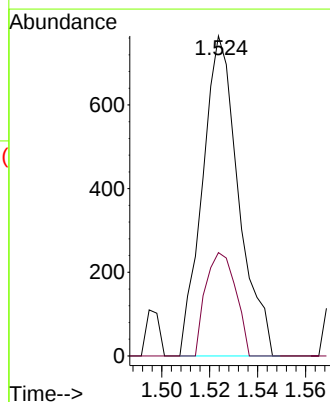
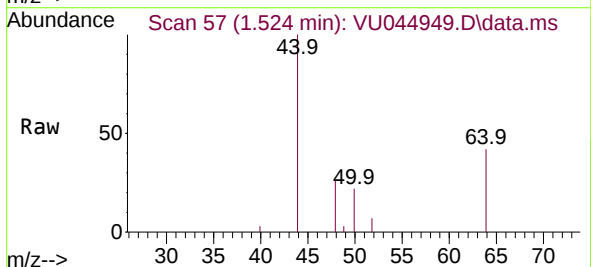
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

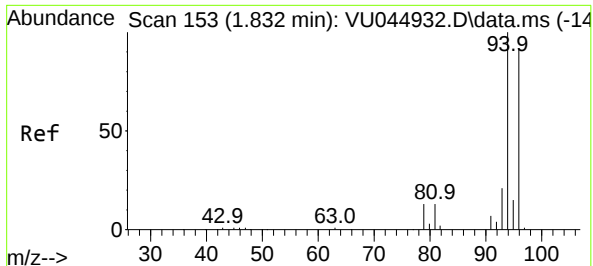
Tgt Ion:168 Resp: 192166
Ion Ratio Lower Upper
168 100
99 65.9 51.4 77.0



#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.524 min Scan# 57
Delta R.T. 0.004 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion: 50 Resp: 801
Ion Ratio Lower Upper
50 100
52 32.3 26.3 39.5

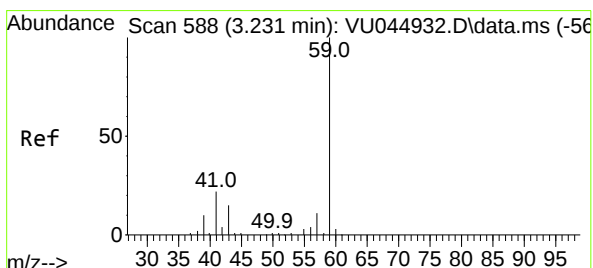
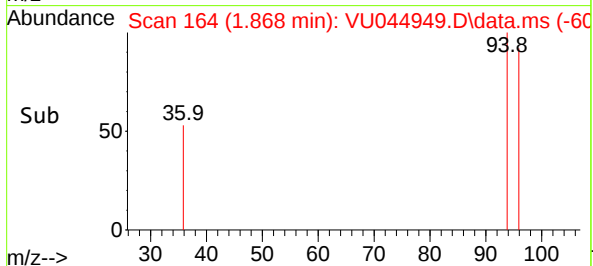
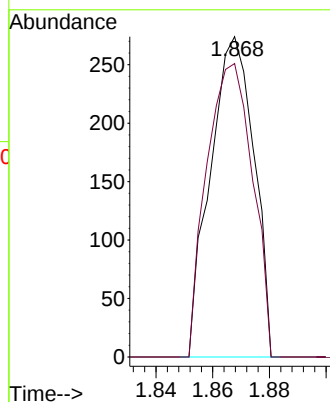
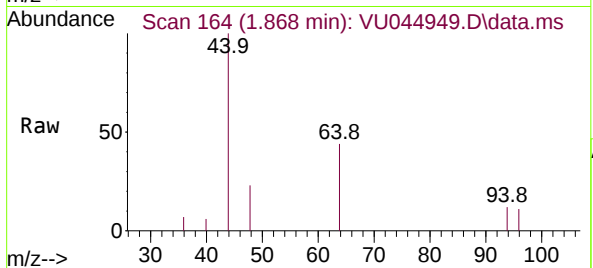




#5
Bromomethane
Concen: 0.242 ug/l
RT: 1.868 min Scan# 1
Delta R.T. 0.036 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

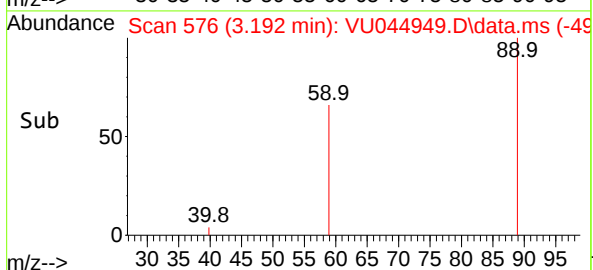
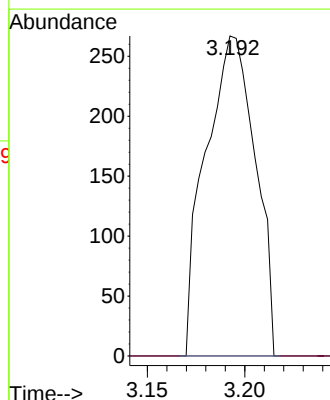
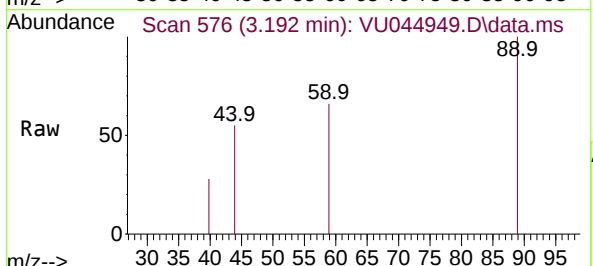
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

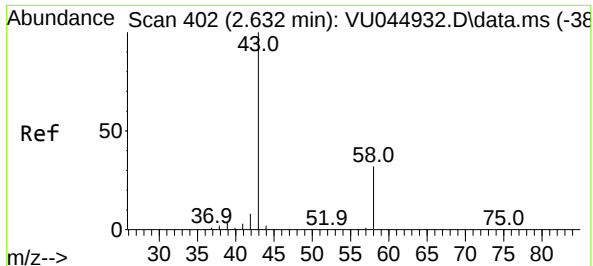
Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 91.6 74.5 111.7



#11
Tert butyl alcohol
Concen: 0.515 ug/l
RT: 3.192 min Scan# 576
Delta R.T. -0.039 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion: 59 Resp: 473
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

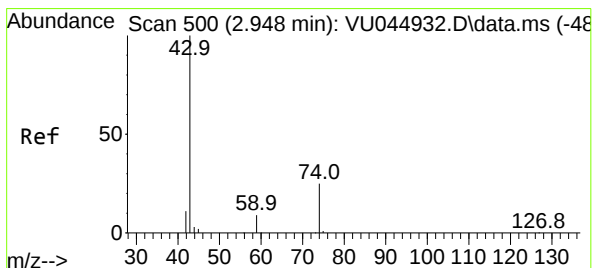
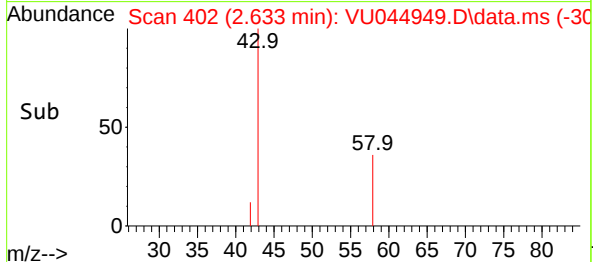
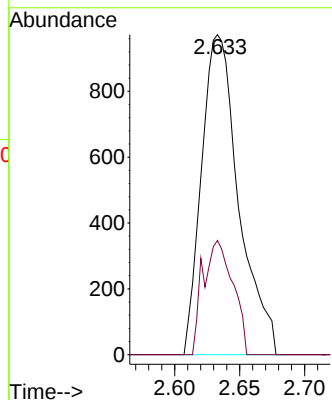
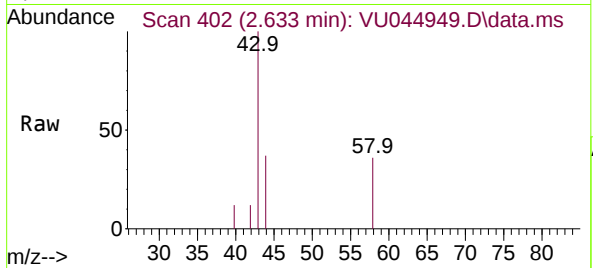




#16
Acetone
Concen: 1.020 ug/l
RT: 2.633 min Scan# 402
Delta R.T. 0.001 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

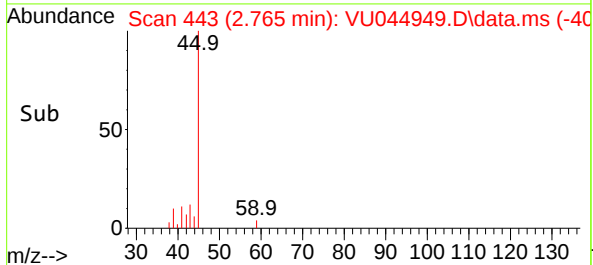
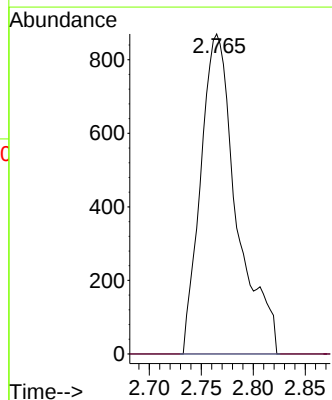
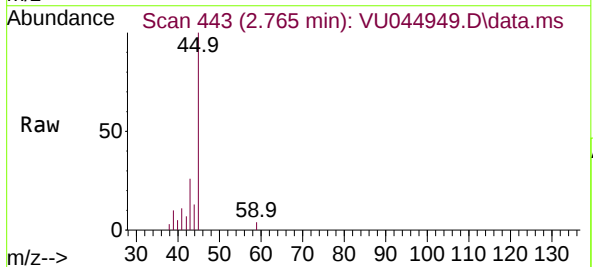
Instrument :
MSVOA_U
ClientSampleId :
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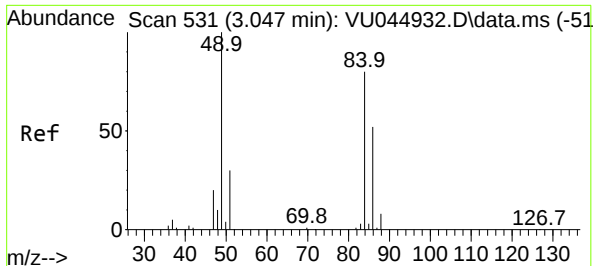
Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 35.7 25.2 37.8



#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 2.765 min Scan# 443
Delta R.T. -0.183 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion: 43 Resp: 2096
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#

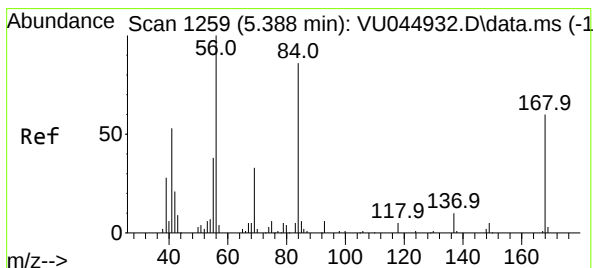
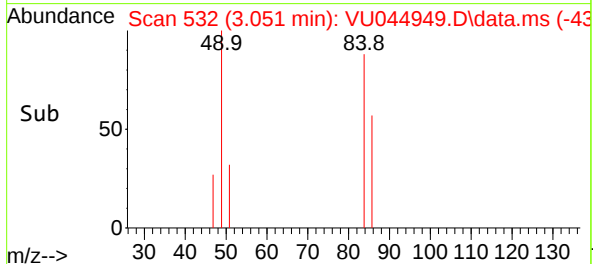
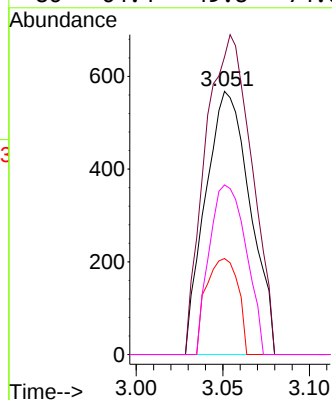
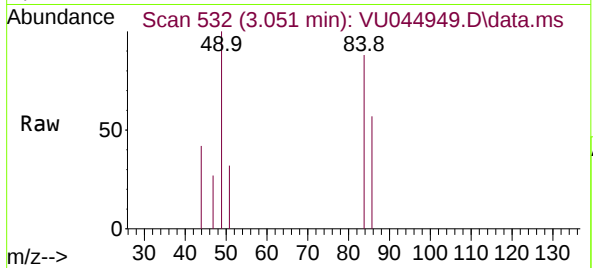




#20
Methylene Chloride
Concen: 0.356 ug/l
RT: 3.051 min Scan# 51
Delta R.T. 0.004 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

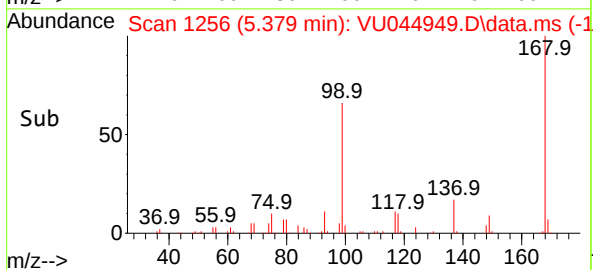
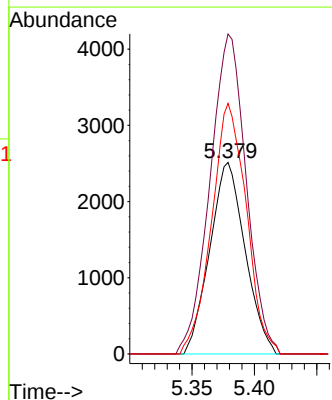
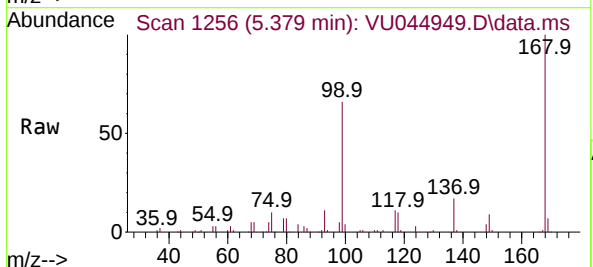
Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

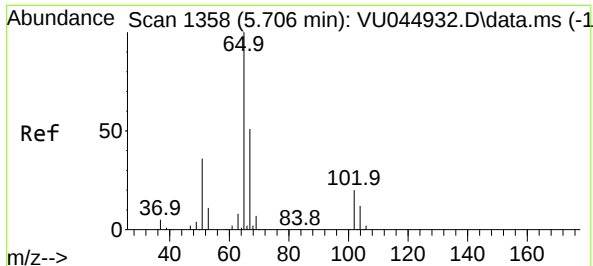
Tgt Ion:	84	Resp:	1019
Ion	Ratio	Lower	Upper
84	100		
49	113.0	104.9	157.3
51	36.4	31.8	47.8
86	64.4	49.8	74.6



#31
Cyclohexane
Concen: 1.020 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. -0.009 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion:	56	Resp:	4958
Ion	Ratio	Lower	Upper
56	100		
69	167.1	25.2	37.8#
84	130.9	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 49.076 ug/l

RT: 5.707 min Scan# 1

Delta R.T. 0.001 min

Lab File: VU044949.D

Acq: 28 Sep 2021 18:17

Instrument :

MSVOA_U

ClientSampleId :

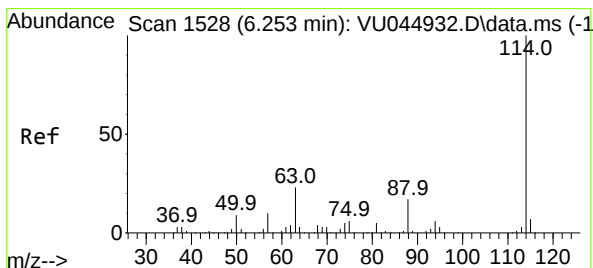
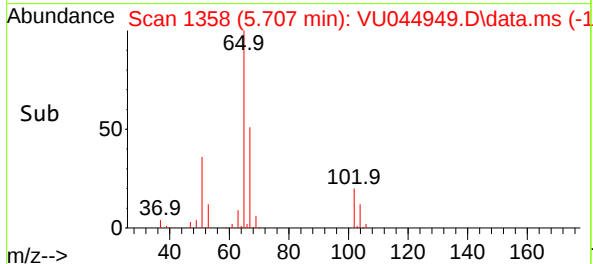
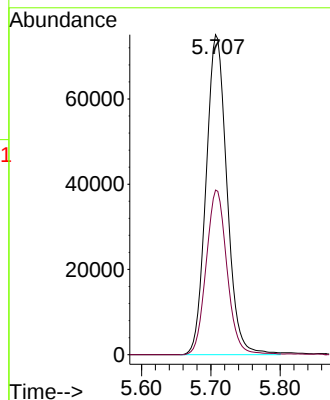
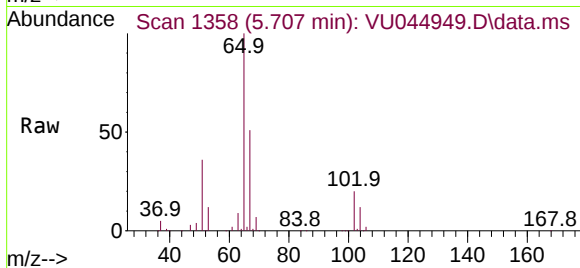
TRIP-BLANK

Tgt Ion: 65 Resp: 156987

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VU044949.D

Acq: 28 Sep 2021 18:17

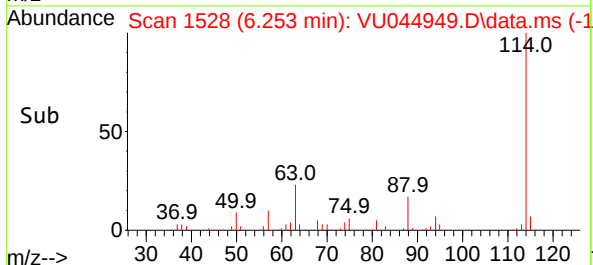
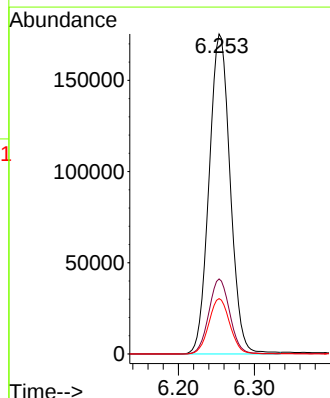
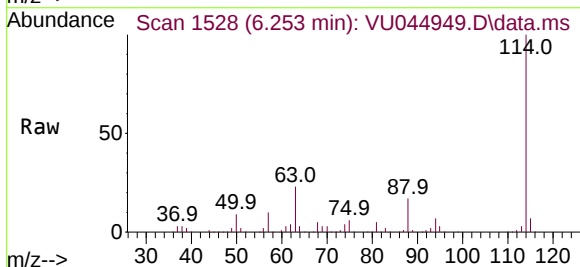
Tgt Ion: 114 Resp: 338095

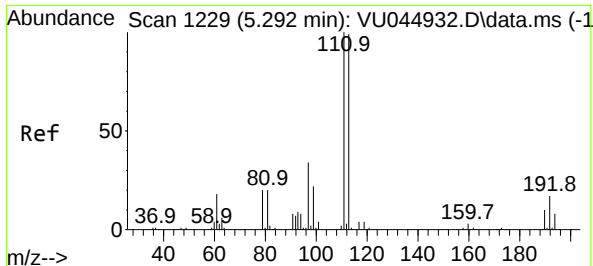
Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.884 ug/l

RT: 5.295 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU044949.D

Acq: 28 Sep 2021 18:17

Instrument :

MSVOA_U

ClientSampleId :

TRIP-BLANK

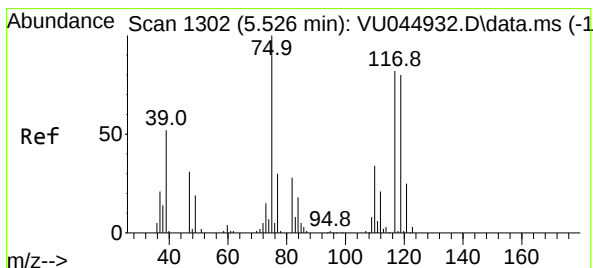
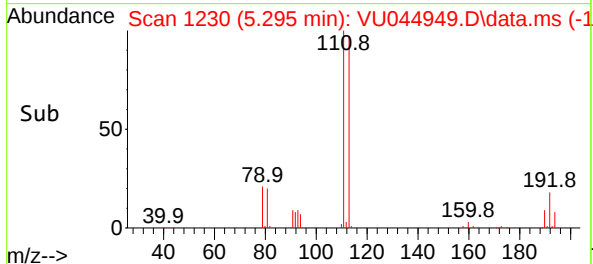
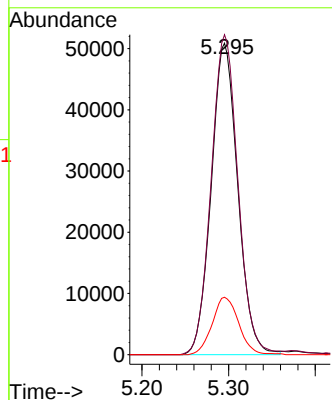
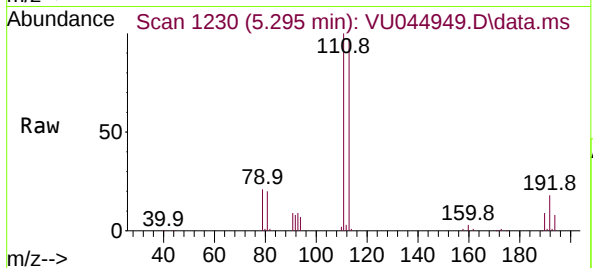
Tgt Ion:113 Resp: 108527

Ion Ratio Lower Upper

113 100

111 103.6 84.1 126.1

192 18.5 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.080 ug/l

RT: 5.379 min Scan# 1256

Delta R.T. -0.147 min

Lab File: VU044949.D

Acq: 28 Sep 2021 18:17

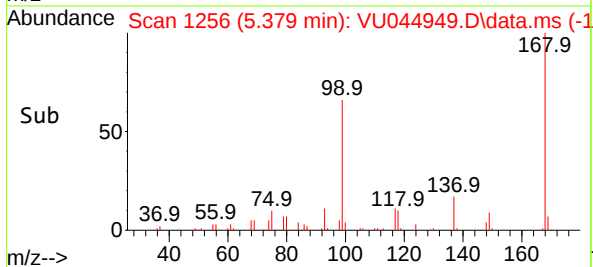
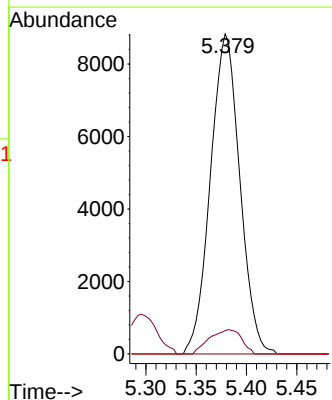
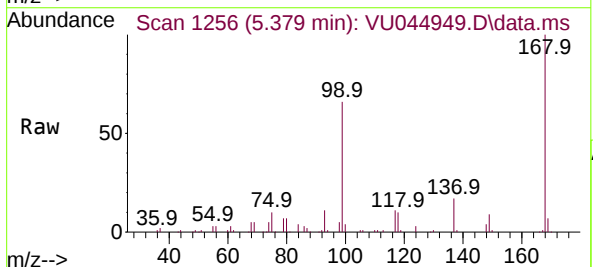
Tgt Ion: 75 Resp: 17961

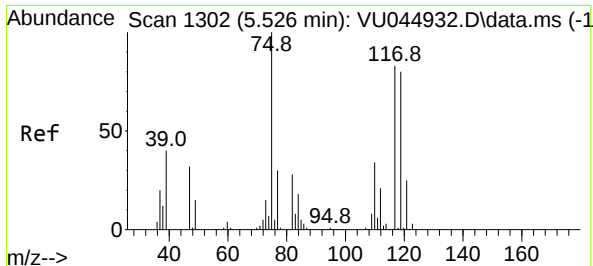
Ion Ratio Lower Upper

75 100

110 8.3 16.3 48.9#

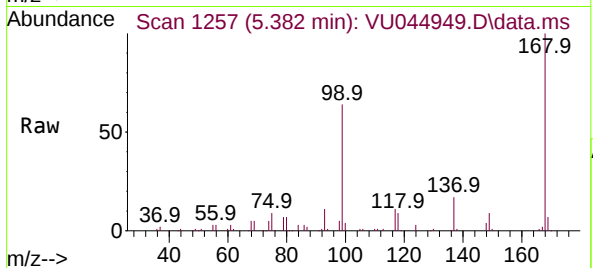
77 0.0 25.0 37.4#



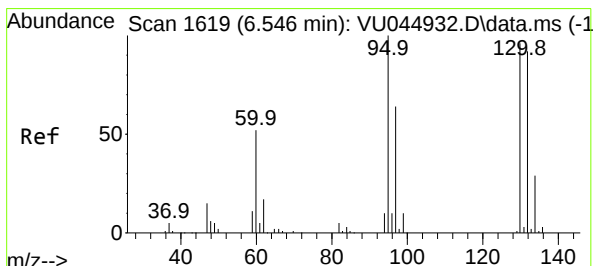
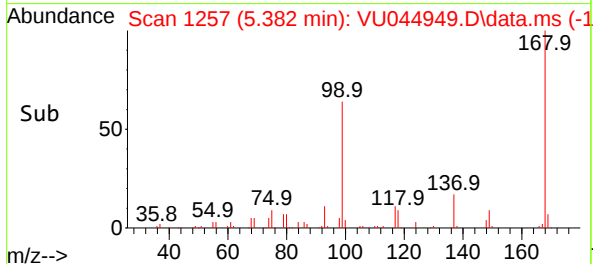
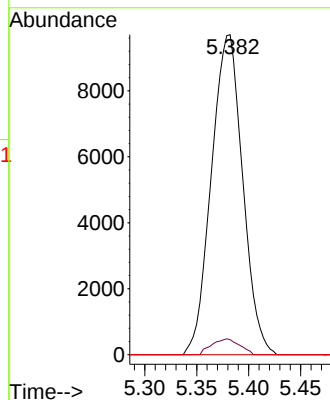


#38
Carbon Tetrachloride
Concen: 6.645 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.144 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

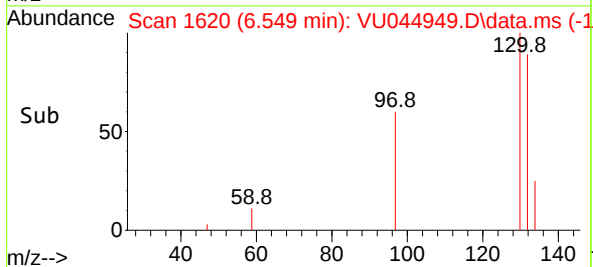
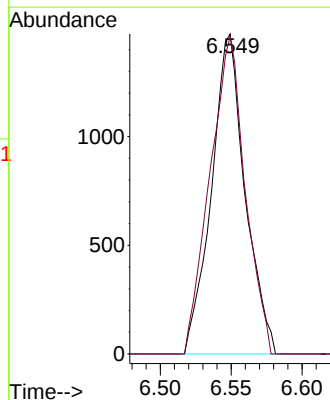
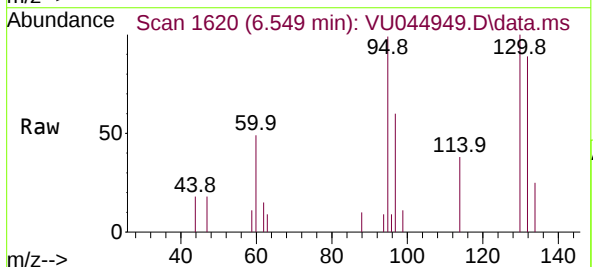


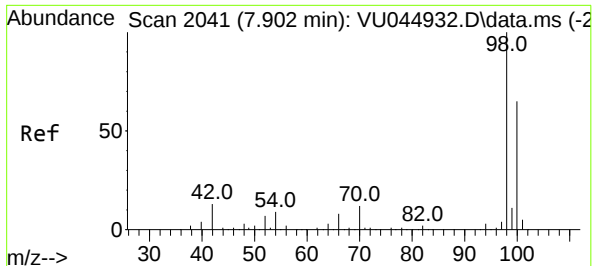
Tgt Ion:117 Resp: 20331
Ion Ratio Lower Upper
117 100
119 4.7 77.4 116.2#
121 0.0 24.5 36.7#



#44
Trichloroethene
Concen: 0.978 ug/l
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion:130 Resp: 2428
Ion Ratio Lower Upper
130 100
95 99.3 0.0 209.0

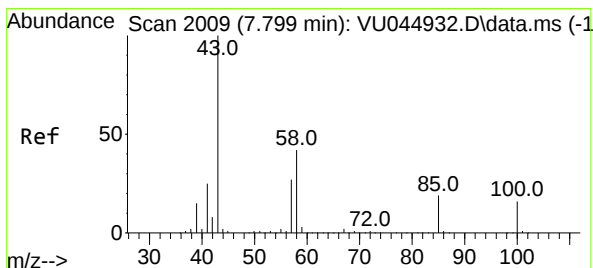
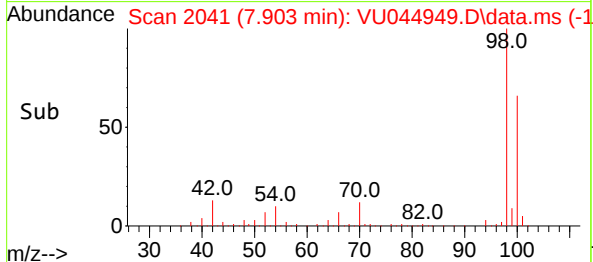
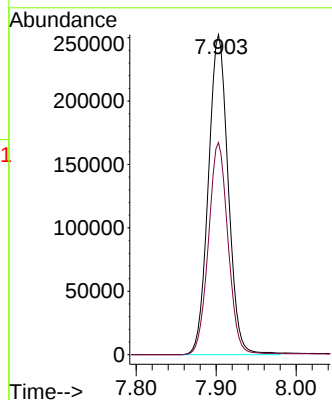
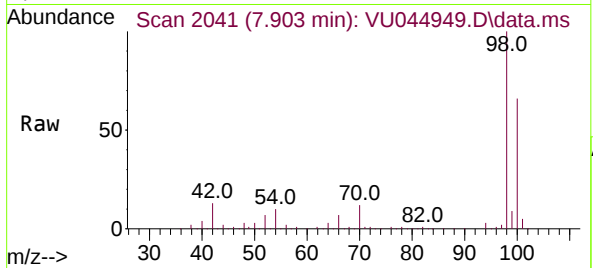




#50
Toluene-d8
Concen: 51.593 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

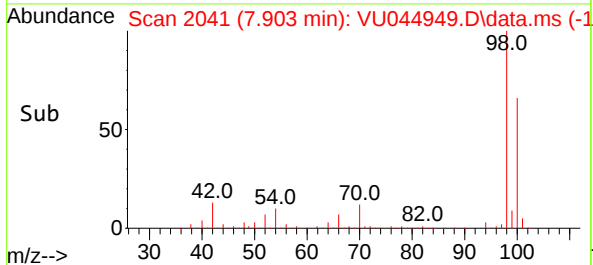
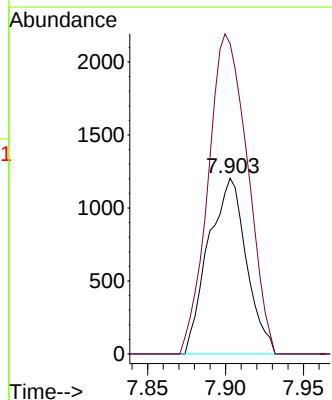
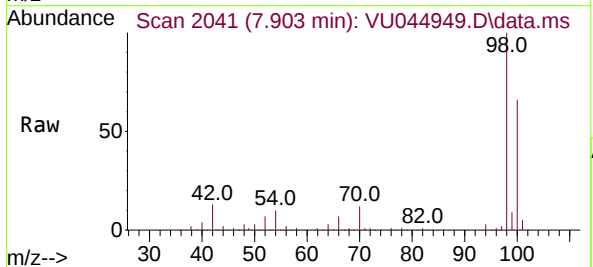
Instrument :
MSVOA_U
ClientSampleId :
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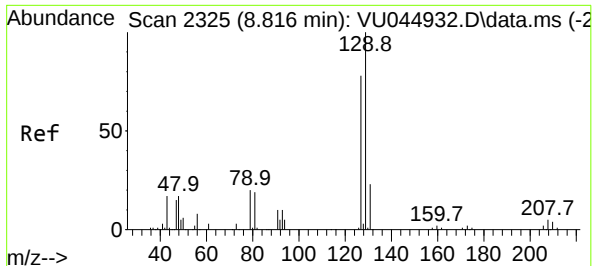
Tgt Ion: 98 Resp: 434777
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.399 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.104 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
58 188.3 32.4 48.6#

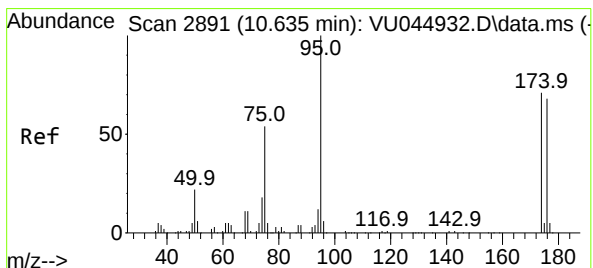
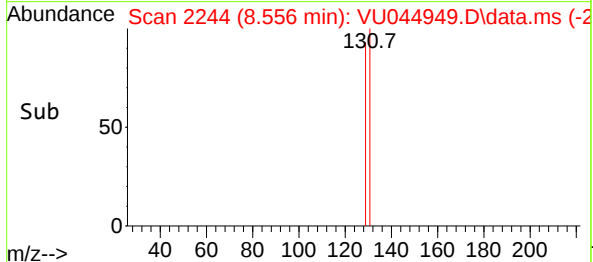
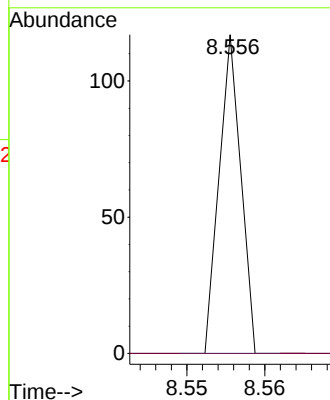
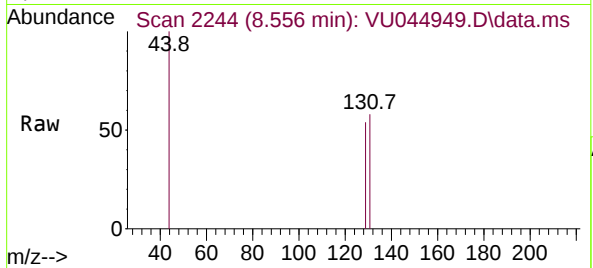




#60
Dibromochloromethane
Concen: 2.184 ug/l
RT: 8.556 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

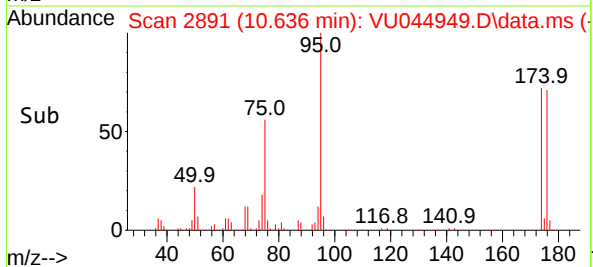
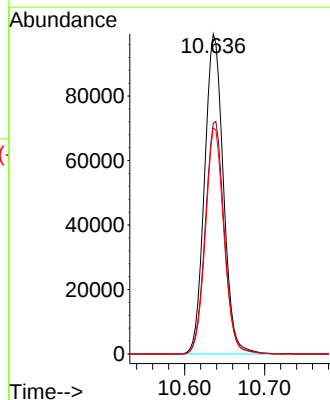
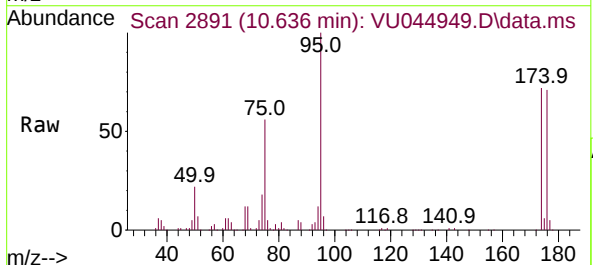
Instrument :
MSVOA_U
ClientSampleId :
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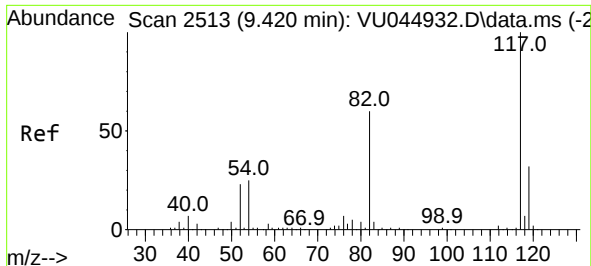
Tgt Ion:129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 46.720 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion: 95 Resp: 162548
Ion Ratio Lower Upper
95 100
174 73.1 0.0 146.6
176 69.6 0.0 141.2

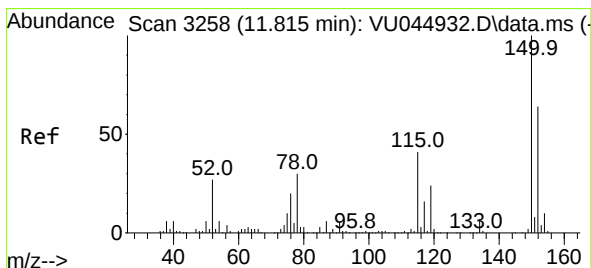
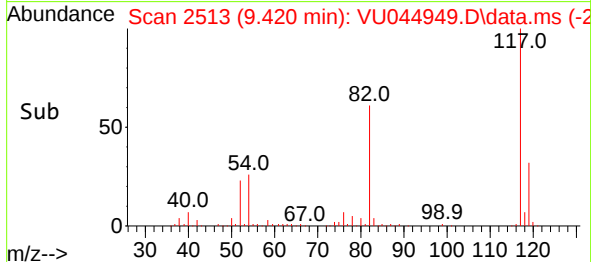
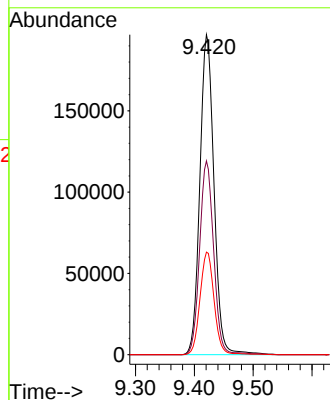
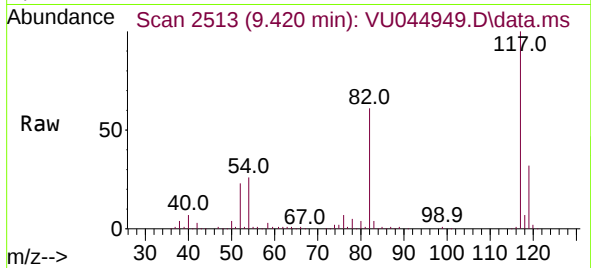




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

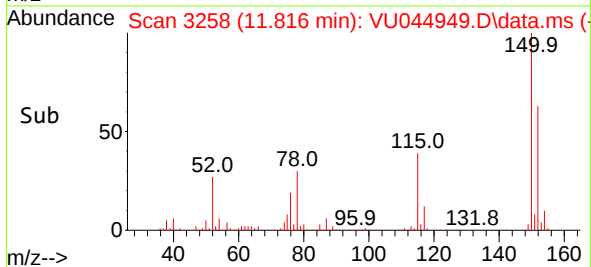
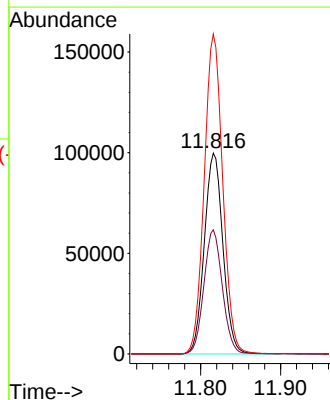
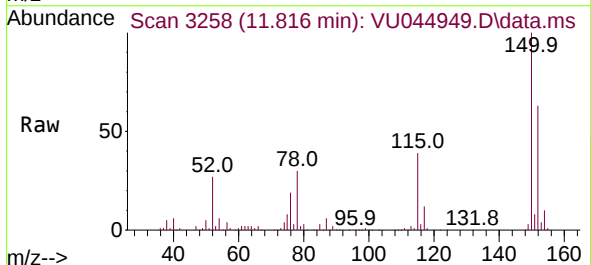
Instrument :
MSVOA_U
ClientSampleId :
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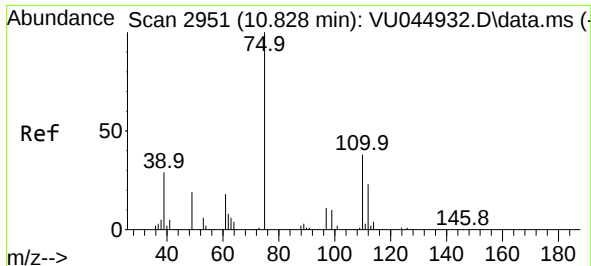
Tgt Ion:117 Resp: 328392
Ion Ratio Lower Upper
117 100
82 60.6 47.8 71.8
119 32.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion:152 Resp: 161989
Ion Ratio Lower Upper
152 100
115 61.3 43.5 130.7
150 158.1 0.0 350.0

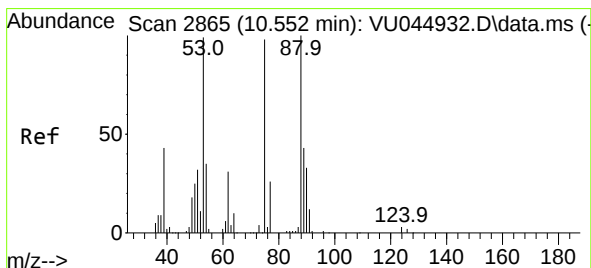
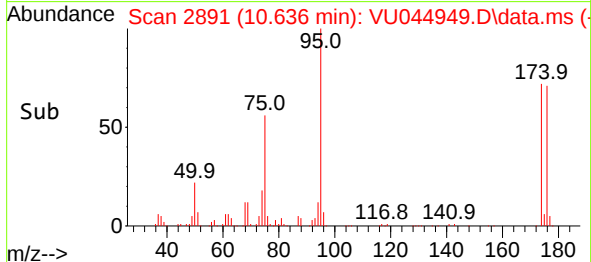
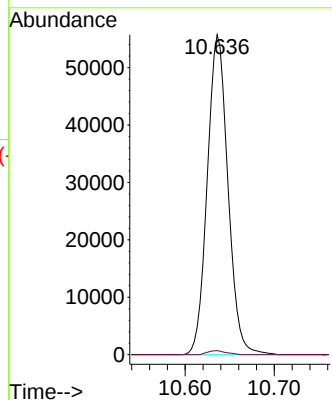
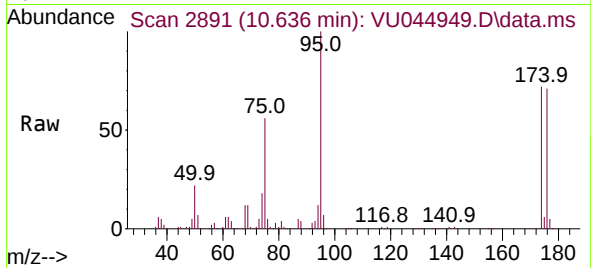




#76
1,2,3-Trichloropropane
Concen: 18.970 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. -0.192 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Instrument :
MSVOA_U
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 89630
Ion Ratio Lower Upper
75 100
77 1.1 17.9 53.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.644 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.084 min
Lab File: VU044949.D
Acq: 28 Sep 2021 18:17

Tgt Ion: 75 Resp: 89630
Ion Ratio Lower Upper
75 100
53 0.0 82.0 123.0#
89 0.0 34.2 51.4#

